Approved for use through 0/9/02/02/07. ORB 0591-0331

U.S. Pattent and Tracelerant (Corp. U.S. Detail and Tracelerant (Corp. U.S. Detail and Tracelerant) (Corp. U.S. Detail a

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	10542867
Filing Date	2006-01-09
First Named Inventor	Tetsuro Shinoda
Art Unit	1656
Examiner Name	JAE LEE
Attorney Docket Number	r 480230.401USPC

U.S.PATENTS Remove											
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D	ate	Name of Pate of cited Docu	entee or Applicant ment	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
	1	5098706		1992-03	-24	Hammock et al	l.				
If you wish to add additional U.S. Patent citation information please click the Add button.											
U.S.PATENT APPLICATION PUBLICATIONS Remove											
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	nd Publication Name of Patentee or Applicant Polone						ines where es or Relev	
	1										
If you wisl	h to ac	dd additional U.S. Publis	hed Ap	plication	citation	information p	lease click the Add	button	Add		
				FOREIC	N PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*										vant or Relevant	T5
	1	0171042	wo		A2	2001-09-27	PE Corporation				
If you wish to add additional Foreign Patent Document citation information please click the Add button Add											
NON-PATENT LITERATURE DOCUMENTS Remove											
Examiner Initials* Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.										T5	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

				10 m 1000 m . O 11 1 10 m 0
Application Number		10542867		10542867 - GAU: 1656
Filing Date		2006-01-09	€	
irst Named Inventor	ro Shinoda			
Art Unit		1059	1656	
Examiner Name	AE LEE			
N		400000 40	4LICDC	

1	Integrated Research on Generation of Novel Agriculturally/Aquatically Useful Organisms by Modification of Morphology/Physiological, The National Institute of Agrobiological Sciences, March 2002, 210-211.	X
2	Insect Growth Regulator, Nouyaku Handbook, Japan Plant Protection Association, 2001, 127.	×
3	Insect Growth Regulator, Syokubutsu Boukei Kouza, 3rd Edition, Japan Plant Protection Association, 1998, 132.	X
4	AKAI, H., Production of Giant Coccons by Administration of Juvenile Hormone, Kodansha, 1984, 383-388.	X
5	CAMPBELL, Peter M. et al., Purification and kinetic characterisation of juvenile hormone esterase from Drosophila melanogaster, Insect Biochem Mol Biol., 1998, 28, 501-515.	
6	CUSSON, Michel et al., Can Juvenile Hormone Research Help Rejuvenate Integrated Pest Management?, The Canadian Entomologist, 2000, 263-280.	
7	ETO, M., Rational Search for Lead Compounds, Japan Society for Bioscience Biotechnology and Agrochemistry, 1986, 1-18, Soft Science, Inc.	×
8	FUKAMI, H., Chemical-Ecological Approaches, Japan Society for Bioscience Biotechnology and Agrochemistry, 1986, 19-38, Soft Science, Inc.	X
9	HATAKOSHI, M. et al., Development of Pyriproxyfen, A New Insect Growth Regulator, Sumitomokagaku, 1997, 1997-1, 4-20.	X
10	HERMAN, William S. et al., Juvenile hormone regulation of longevity in the migratory monarch butterfly, Proc. R. Soc. Lond. B., 2001, 268, 2509-2514.	
11	NIJHOUT, H.F., Insect Hormones, 1994, 89-214, Princeton University Press, Princeton, New Jersey.	
	2 3 4 5 6 7 8 9	Morphology/Physiological, The National Institute of Agrobiological Sciences, March 2002, 210-211. Insect Growth Regulator, Nouyaku Handbook, Japan Plant Protection Association, 2001, 127. Insect Growth Regulator, Syokubutsu Boukei Kouza, 3rd Edition, Japan Plant Protection Association, 1998, 132. AKAI, H., Production of Giant Cocoons by Administration of Juvenile Hormone, Kodansha, 1984, 383-388. CAMPBELL, Peter M. et al., Purification and kinetic characterisation of juvenile hormone esterase from Drosophila melanogaster, Insect Biochem Mol Biol., 1998, 28, 501-515. CUSSON, Michel et al., Can Juvenile Hormone Research Help Rejuvenate Integrated Pest Management?, The Canadian Entomologist, 2000, 263-280. TETO, M., Rational Search for Lead Compounds, Japan Society for Bioscience Biotechnology and Agrochemistry, 1986, 1-18, Soft Science, Inc. FUKAMI, H., Chemical-Ecological Approaches, Japan Society for Bioscience Biotechnology and Agrochemistry, 1986, 19-38, Soft Science, Inc. HATAKOSHI, M. et al., Development of Pyriproxyfen, A New Insect Growth Regulator, Sumitomokagaku, 1997, 1997-1, 4-20. HERMAN, William S. et al., Juvenile hormone regulation of longevity in the migratory monarch butterfly, Proc. R. Soc. Lond. B., 2001, 268, 2509-2514.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JWL/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Fil Fir Art (Not for submission under 37 CFR 1.99) Fy:

plication Number		10542867	10542867 - GAU: 1656
ng Date		2006-01-09	
st Named Inventor	Tetsu	ro Shinoda	
Unit		1059 16	56
aminer Name		JAE L	EE

480230.401USPC

		į.													_
	12	SCHOOLEY, David A. et al., Juvenile Hormone Biosynthesis, Comp Insect Physiol Biochem Pharmacol., 1985, 363-389, Pergammon Press, Oxford.													
	13	SHINODA, Tetsuro et al., Corpora Allata Specific Genes Encoding Putative JH Biosynthesis Enzymes in the Silkworm, Bombyx Mori, Isolated by mRNA Differential Display, The First International Workshop of Lepidoptera Genomics, Sept. 30-Oct. 3, 2002, 79.													
	14	GUNAWARDENE et al., The shrimp FAMeT cDNA is encoded for a putative enzyme involved in the methylfarnesoate (MF) blosynthetic pathway and is temporally expressed in the eyestalk of different sexes, Insect Blochem Mol Biol., 2001, 31, 1115-1124.													
	15	GUNAWARDENE et al., Function and cellular localization of famesoic acid O-methyltransferase (FAMeT) in the shrimp, Metapenaeus ensis, Eur. J. Biochem., 2002, 269, 3587-3595.													
	16	WAINWRIGHT, G. et al., Neuropeptide regulation of biosynthesis of the juvenoid, methyl farnesoate, in the edible crab, Cancer pagurus, Biochem J., 1998, 334, 651-657.													
	17	STAPLETON, M. et al., Drosophelia melanogaster AT13581 full length cDNA, EMBL Accession No. AY075194, February 4, 2002, 2 pages, http://srs.ebi.ac.uk/srsbin/cgi-bin/wgetz?-vn+2+-e+[embl-id:AY075194].													
	ADAMS, MD. et al., Extended UniProtKB Entry Viewer - UniProt [the Universal Protein Resource], UniProt Accession No. Q9VJK8, May 1, 2000.														
If you wis	h to a	dd add	ditional r	non-paten	t literatur	e docun	nent citat	tion infor	mation p	lease cli	k the Add	button	Add		
						EX	AMINER	SIGNAT	TURE						
Examiner Signature /Jae W. Lee/ (03/15/2008) Date Considered 03							3/15/200	В							

Attorney Docket Number

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04, 2 Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). 3 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.